

TIEG NEWS

Teen International Entomology Group Newsletter No. 11 • January, 1983

FROM THE EDITORS

Dear TIEG Members:

We apologize for the delay in publication of TIEG NEWS and MAGAZINE. Let me fill you in on some recent developments.

As you know, TIEG is an organization with a membership of over 1500 run by volunteers. As the membership has grown over the years the job of editor has become more than any one volunteer person can handle. In this respect we owe Dale Hoopingarner a big "thank you" for filling this role during the past two years. But Dale will be graduating from Michigan State University this spring, so it was necessary to locate some new talent for TIEG.

Now for the good news. The TIEG staff at Michigan State has been revitalized with a new group of enthusiastic volunteers. Gary Dunn will be assisting Dr. Roger Hoopingarner, TIEG Advisor, in the role of Associate Advisor. Krista Galley, Dana Hayakawa, Lynne Rieske, and Kathy Smith will be working as co-editors for the two TIEG publications. (You can "meet" this group on the next page in this TIEG NEWS.) The talent of this group is outstanding, so look for good things to happen in 1983! And, as always, we will be depending on the dedication and talent of our regional editors.

At this time I would like to take this opportunity to remind the membership that TIEG is an organization run by the membership, not for the membership. We can only publish TIEG NEWS and MAGAZINE when the members send in their articles and news. Frankly, in recent months the volume of manuscripts received has been inadequate to publish on a regular basis. It is my hope that every member will send in some article (no matter how short) or some news items in 1983.

We have two major goals for 1983: (1) get TIEG publications back on schedule, and (2) get out a membership list. With your help we can realize these goals.

*Dr. Roger Hoopingarner, Advisor
Gary A. Dunn, Associate Advisor*

Co-editors:

*Krista Galley
Dana Hayakawa*

*Kathy Smith
Lynne Rieske*

MEET THE NEW STAFF...

GARY A. DUNN, Associate Advisor

I was born and raised in Wallingford, Connecticut and attended college at the University of New Hampshire (1972 - 1978) where I earned a Bachelor of Science degree in Forestry and a Master of Science degree in Entomology. Although always interested in natural history, I first became interested in entomology as a freshman in college. In 1981 I was admitted into the American Registry of Professional Entomologists and became a Research Associate with the Florida State Collection of Arthropods, Gainesville, FL. I am presently in charge of the Insect Diagnostic Lab, Department of Entomology, Michigan State University. In addition to running the lab, I develop programs in urban entomology, teach two courses, and assist in 4-H Entomology programs. Outside of my job I study the biologies, ecologies, and distributions of the coleopteran families Carabidae and Cicindelidae. I spend a large portion of my spare time collecting beetles, and my personal collection numbers 17,500 specimens (750 species).

KRISTA E.M. GALLEY, Co-editor

Hello everyone! I'm Krista Galley from Flint, Michigan, USA. I'm 18 years old and I've been interested in insects since I was 8 or 9 years old. My older brother used to catch insects and I started to collect to imitate him - and I've been collecting ever since. When I was a junior in high school I decided to major in entomology at college...so here I am at Michigan State University. Besides attending classes and studying, I also work in the Insect Museum here at the University where I mount and label specimens. The museum has over 3 million specimens from around the world, so it's a fascinating place to work. Along with entomology, I enjoy photography (insects, flowers, and landscapes), backpacking, listening to music and reading science fiction and fantasy.

DANA HAYAKAWA, Co-editor

I am a native Californian, having been born and raised in the Los Angeles area. I began my college career at Occidental College (1977 - 1978) before transferring to the University of California - Berkeley, where I received a Bachelor of Science degree in Entomology in June, 1982. Although my interest in biology began at an early age, it wasn't until the end of my third year in college that I became involved with entomology. At that time I took an introductory entomology course which proved to be so fascinating and stimulating that I changed my major from biology to entomology. As I became more interested in entomology I joined the University of California Beekeeping Club and the Entomological Society of America. I am presently working on a Master of Science degree at Michigan State University. My main interests are agricultural entomology and biological control, and I enjoy insect collecting as a pastime. My non-academic interests include playing the guitar, sports, and photography.

LYNNE K. RIESKE, Co-editor

Although I was born in Detroit, I have spent most of my life in and around Okemos, Michigan. In August 1982 I received a Bachelor of Science in Entomology from Michigan State University. The biological sciences have always been of interest to me, and it is from this background that my interest in entomology grew. As my knowledge and understanding of ecology has increased I have become more aware of the need for safer means of pest management. I hope to pursue this concern in my life's work. In addition to my interest in biological control, I enjoy beekeeping and have a specific fondness for collecting Odonata. Besides my entomological interests, I enjoy other hobbies such as sports and photography.

KATHRYN B. SMITH, Co-editor

I was born and raised in Florida, but I have also lived in Maryland, Michigan, Costa Rica, Guatemala and Spain. My interest in entomology stems from my interest for the out-of-doors, although I also enjoy laboratory research. After my graduation from Kalamazoo College in Michigan in 1979, I taught high school science in Guatemala, then worked as a biologist in the National Cancer Institute. Presently, I am a graduate student at Michigan State University working on my Master of Science degree in Entomology. I am trying to combine my interest in insects with medical research, which I feel is essential. In my spare time I enjoy hiking, traveling, dancing and reading books.

MAILBAG

Joseph Freda, a TIEG member formerly living in New Jersey, is now a graduate student (herpetology) at Pennsylvania State University. He has invited any TIEG members who have plans to come to, or pass near, University Park, PA to look him up. He'd be glad to show you around the Insect Museum and campus. His address is: 208 Mueller Lab, The Pennsylvania State University, University Park, PA 16802, USA.

BOOK REVIEW

The Butterflies of North America. By William H. Howe, Doubleday and Co., New York, NY, 1975. 633 pp.

The Butterflies of North America was intended to be an updated version of Holland's Butterfly Book, which was last revised in 1931 and is now out of print. Howe has succeeded wonderfully in his mission, creating what may well be the definitive work on North American butterflies.

The first section of the book contains a wealth of information which should prove useful to the professional and amateur alike. Topics covered in depth include wing venation, taxonomy, distribution, and collecting techniques. This last section, however, contains one of the book's few drawbacks. This is the recommendation of cyanide as a killing agent. In my opinion, considering all of the alternative killing agents available today, there is no reason to continue recommending such a dangerous substance.

The main section of the book consists of descriptive text and accompanying color plates. The description of each species typically includes distribution, larval food plants, seasonal forms, subspecies, and variations. The text entries are referenced to the plates, so it is an easy matter to go from text to the corresponding illustration. The plates, however, are not referenced back to the text, so some difficulty may be encountered in going from illustration to description.

The illustrations are in natural color and were hand-painted by the author from actual specimens. The scientific name, collection locality, date, and the collection in which the specimens are housed are all credited with each picture. There are 2,093 illustrations covering dorsal and ventral surfaces, and including sexual dimorphism, subspecies, seasonal forms, and variations where appropriate.

A useful glossary is included, as are a bibliography and brief list of supply houses. A food-plant and nectar source index will provide a welcome resource to rearers.

All in all, this is an excellent book, both for recreational reading and for identification work. Its size necessitates that it be hard-bound and therefore expensive, but it should prove to be well worth the investment to any serious collector of North American butterflies.

William O'Donnell - Stow, Ohio

TIEG MEMBERSHIP

NEW MEMBERS

Thomas Greager
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LEPS, COLE, GENC, CORE, EXCH

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GENC, LEPS, COLE

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LEPS, GENC, REAR, PHOT, EXCH

ADVERTISEMENTS

information and correspondence

AVAILABLE: COLLECTING POLICY DIRECTORY - reprints of "A Directory of Policies on Arthropod Collecting on Public Lands (U.S.)" are available free (while supplies last). This publication covers all rules and regulations concerning the collection of terrestrial and aquatic arthropods from all government-regulated (federal, state and territorial) lands in the U.S. It is complete with addresses of officials to contact for permission or permits. Send requests to Gary A. Dunn, Department of Entomology, Michigan State University, East Lansing, MI 48824-1115 USA.

FOR SALE: Wood spreading boards - 18" length with 1/8" center slot (7); 18" L and 1/4" slot (8); 18" L and 3/8" slot (3); 12" L and 3/8" slot (7); 12" L and 1/2" slot (4); and, 18" L and 5/8" slot. All are in excellent condition. Asking \$1.00 each; would prefer to sell them as a lot, but will consider selling them individually. If interested, contact Gary A. Dunn, Department of Entomology, Michigan State University, East Lansing, MI 48824-1115, USA. (517) 353-3890

FOR SALE: Proudly display your interest in entomology with a T-shirt. Write to Second Skin Studios, P.O. Box 5261, Lubbock, TX 79417, USA for a free catalog.

WANTED: Used Robinson mercury vapor light moth trap (with or without electrical fittings). Ken Bliss, 351 Morningside Ave., Linden, NJ 07036 USA.

WANTED: Copies of E.O. Essig's "Insects and Mites of Western North America" needed by institutions and individuals in the Santa Barbara, CA area. Please contact Mr. M.R. Kellogg, 6678-B Sueno, Isla Vista, CA 93117 USA with details on prices and conditions of any available copies.

WANTED: Information on establishing living insect displays for zoos. Also, need information on availability of obtaining livestock for same (the more exotic, the better). Send information or prices to Bill O'Donnell, 1476 Worthington St., Columbus, OH 43201 USA.

WANTED: Information on Entomology Teachers. The Committee on Youth Science Development of the Entomological Society of America wishes to identify any teachers on the high school or grade school levels who teach courses in entomology. Schools having courses in entomology or using insects to a substantial degree in classroom situations need to be identified. Anyone knowing of such teachers are asked to contact W.A. Brindley 1690 E 1400 N, Logan, UT 84321 USA.

specimens and livestock

EXCHANGE: I would like to exchange specimens of Coleoptera, especially Carabidae, Tenebrionidae, Scarabaeidae, Cerambycidae and other families. Also interested in exchanging specimens of butterflies and moths. I am particularly interested in exchanging material with those who live outside of Europe. Cesare Iacovone, via Paolo Givo 9, 00179 - Roma, ITALY.

WANTED: Wish to buy cocoons of the Cecropia, Luna, Polyphemus and Promethea moths. Barb Hamlin, 810 Dietz Rd., Webberville, MI 48892 USA.

FOR SALE or EXCHANGE: Large selection of Wisconsin butterflies and moths; also good selection of other North American Lepidoptera and European butterflies. All specimens in A#1, perfect condition with full data. Will exchange for any Lepidoptera (world-wide interest) but must be perfect with full data. Tom W. Kral, Route 2, Box 648, Necedah, WI 54646 USA.

FOR SALE: Seeds of Aristolochia tagala (foodplant of birdwing butterflies) at US \$8.00 per pack (including packing and postage). Cheng Kam Wor, 502 Kg. Cross St., Bt. Mertajam, Penang, MALAYSIA.

WANTED: Correspondence with people interested in exchanging information and specimens of ground beetles (Carabidae) and tiger beetles (Cicindelinae) from anywhere in the world. Interested in small, non-descript species (as well as larger, showier ones). Contact Gary A. Dunn, Department of Entomology, Michigan State University, East Lansing, MI 48824-1115 USA.

WANTED: Any and all species of native and foreign Lucanidae. Will purchase or trade. Contact Joe Freda, 208 Mueller Lab, Pennsylvania State University, University Park, PA 16802 USA.

FOR SALE or EXCHANGE: Many beautiful exotic butterflies, all papered. Send self-addressed, stamped envelope for a complete price list. Also, if you have any viable eggs, larvae or cocoons from any sturniid species or Citheronia regalis available by March, 1983, please inform. Also, interested in eggs or chrysalids of Danaus plexippus (the Monarch). I'm looking for a papered specimen of a male Hemileuca tricolor (the tricolor buck moth). Will buy or trade tropical Lepidoptera for any of the above. Kristin D. Harrison, 2124 Saranac St., Adelphi, MD 20783 USA.

FOR SALE: 10,000 specimens of common Malaysian butterflies, including 100 pairs of Troides helena and 100 T. brooksiana albescens (male). Contact Steven R. Treadway, 202 Ridgeway Dr., Nashville, TN 37214 USA for a free price list.

FOR SALE: The rare Papilio battus devilliersi, known only from Cuba. Ianni Butterfly Enterprises, P.O. Box 81171, Cleveland, OH 44181 USA (Telephone 216-888-2310).

FOR SALE: Entomological equipment and more than 5000 different insect species, world-wide. Reasonable prices - best service! Please ask for our catalog (Kindly send 2 international reply coupons for postage or \$1 US in banknotes.) Kamper Co., Ltd., Weilgasse 3, A-1191 WIEN, Austria (Europe).

FOR SALE: Display collections of tropical insects from Latin America consisting of butterflies, beetles and tarantula spiders. Each collection is framed and the specimens mounted behind glass. For more information, contact: Thomas E. Ewen, P.O. Box 7701, Louisville, KY 40207 USA.

FOR SALE: Lepidoptera breeder offers Polyphemus, Cecropia, Cynthia, Promethea, Io, Luna, and other moths. For additional information, contact Rick Miramon, 266 Stocking St., Mobile, AL 36604 USA.

NEW CATALOG AVAILABLE: Includes lower dollar, air-inclusive prices. Thousands of butterflies, moth traps, books, etc. Quick service. Offices in Britain and Europe. We accept Mastercard. \$6.00 mailing list service (includes next 10 catalogues, etc., airmailed). Catalog only - \$1 cash required. Transworld Butterfly Company (TIE), Apartado Postal 7911, San Jose, COSTA RICA (Central America).

WANTED: preserved (alcohol or formalin-mix) spiders from southern Florida, Mexico, Central and South America. Also need live specimens of red widow (L. bishop) and other widow species (I have permit for shipping live spiders.) Will exchange for insects, butterflies, or other spiders (other arrangements possible). Write for me list of needs. Dennis Lipinski, 140 McGovern Blvd. Apt. E, P.O. Box 317, Glenwillard, PA 15046 USA

ENTOMOLOGICAL SOCIETIES

As a service to our members, we would like to offer the opportunity to all regional, state, provincial or local ENTOMOLOGICAL SOCIETIES from around the world to advertise here in TIEG NEWS. This will offer TIEG members the opportunity to participate in local or regional entomological groups. Send all information to TIEG editor, Department of Entomology, Michigan State University, East Lansing, MI 48824-1115 USA. (A permanent file will be kept of all entries. Perhaps in the future we can publish a directory in TIEG NEWS-The Editors.)

ENTOMOLOGICAL SOCIETY: The Idaho Entomology Group (IEG) is looking for members. The group was formed in 1973 and has about 80 members world-wide. Membership benefits include a monthly newsletter of outstanding quality, and monthly meetings or field activities. Current editor is Paul E. Blom, Box 177, Troy, ID 83871 USA; the permanent address of the group is: Idaho Entomology Group, c/o Museum of Natural History, College of Idaho, Caldwell, ID 83605 USA. We ask a contribution of \$3.00 per year to cover the cost of the 12 newsletter issues.

ENTOMOLOGICAL SOCIETY: The Michigan Entomological Society (MES) invites interested entomologists from the Great Lakes region and world-wide to join. MES was established in 1954 and has about 600 members world-wide. Membership dues are \$8.00 per year. Members receive the Societies' quarterly journal (The Great Lakes Entomologist) and the quarterly newsletter (Newsletter of the Michigan Entomological Society), and separates on interesting collecting techniques (Entomological Notes). For additional information, contact Mr. M.C. Nielson, Executive Secretary, Michigan Entomological Society, Department of Entomology, Michigan State University, East Lansing, MI 48824-1115 USA.

A SPECIAL MESSAGE...

I take great pride in seeing the completion of this issue of TIEG NEWS. However, with its completion comes the reality that we have no surplus of articles and information for the next TIEG NEWS!

The situation is equally bad for TIEG MAGAZINE. We currently have on hand 5 articles (I wrote two of them!) for publication in Vol 13, No. 2 of the MAGAZINE. When these articles are published next month (Feb., 1983) we will have nothing for future volumes. We would like to begin to catch up on the back issues of TIEG MAGAZINE, but cannot do so without material.

We are in desperate need of material for the TIEG publications. We can only publish when the members send in their articles, news, drawings, photographs, etc.

Come on, help us out by sending in something today!

Gary A. Dunn, Associate Advisor

From:

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